

Enterprise Integrated Safety Management – Exposure Assessment (EISM-EA) Integration

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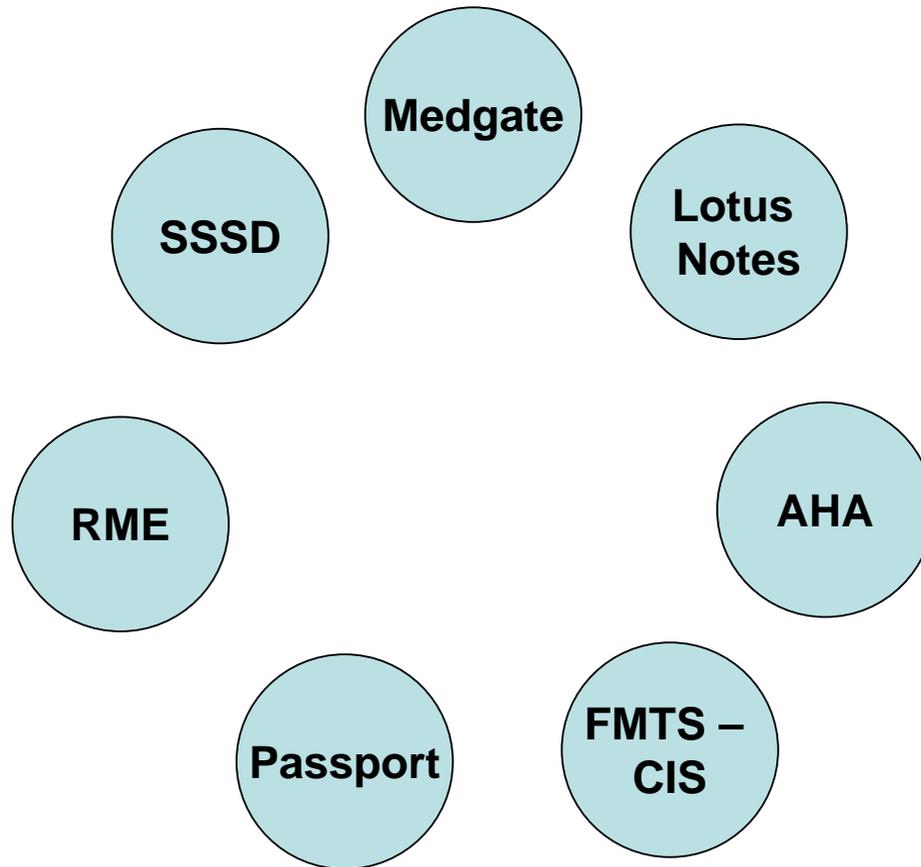
Exposure Assessment

We have to conduct exposure assessments for a number of reasons. Including:

- Protect the employee and document exposure potential
- Evaluate effectiveness of controls
- Part of the ISM process
- Track and trend data for current and future use (EEOCIPA)
- Regulatory requirements
 - 29 CFR 1910 General Industry Standards (OSHA)
 - 29 CFR 1926 Construction Standards (OSHA)
 - 10 CFR 850 Beryllium (DOE)
 - 10 CFR 851 Worker Safety & Health Program (DOE)

Exposure Assessment – Legacy Process

Database Systems Utilized Currently – Separate Systems



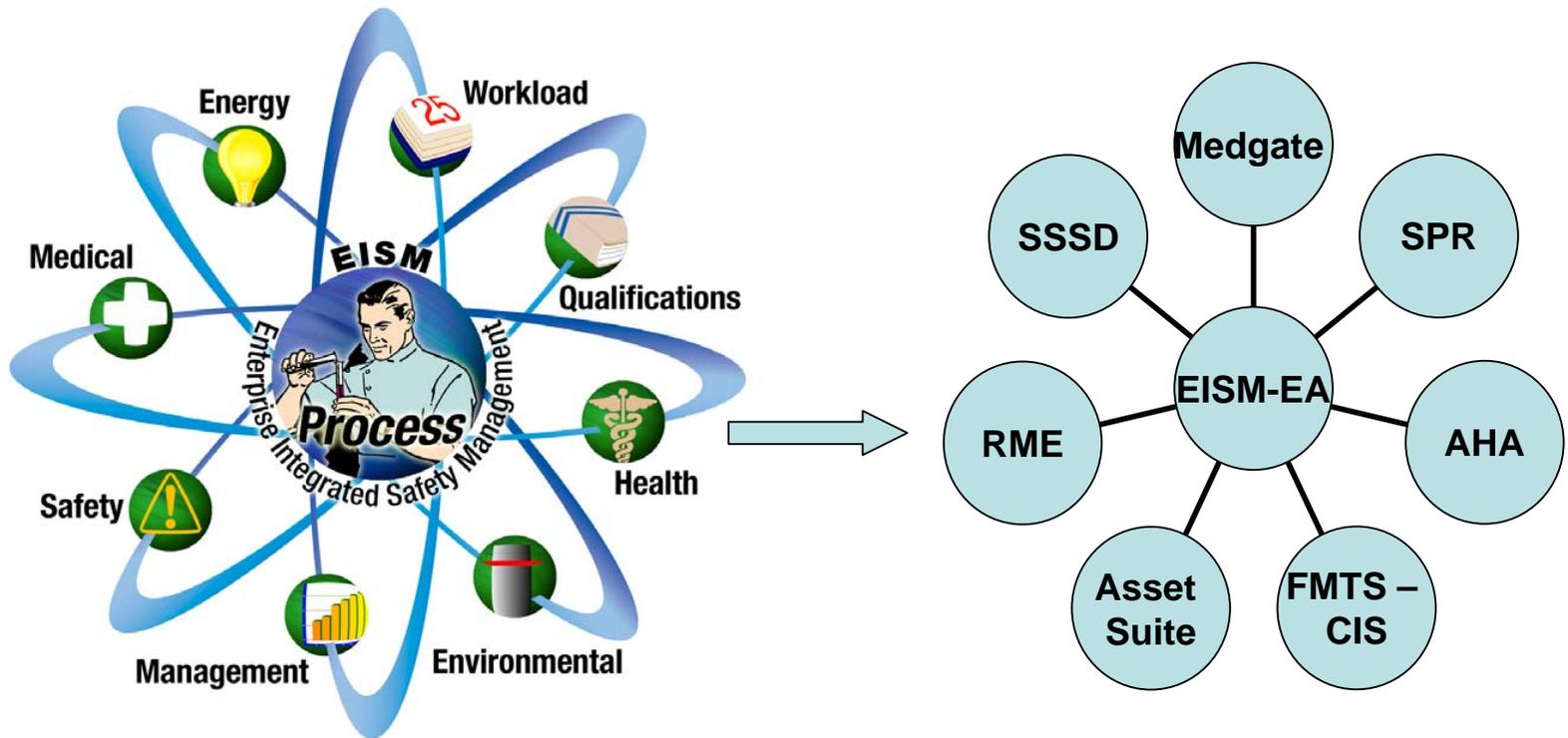
Exposure Assessment – Legacy Practice

- Has evolved over the years using a patchwork of different systems
- Time consuming - takes a lot of effort to manipulate and use correctly
- Inefficient
- Difficult to track and trend data
- Not conducive to data search and retrieval

Exposure Assessment - Goal

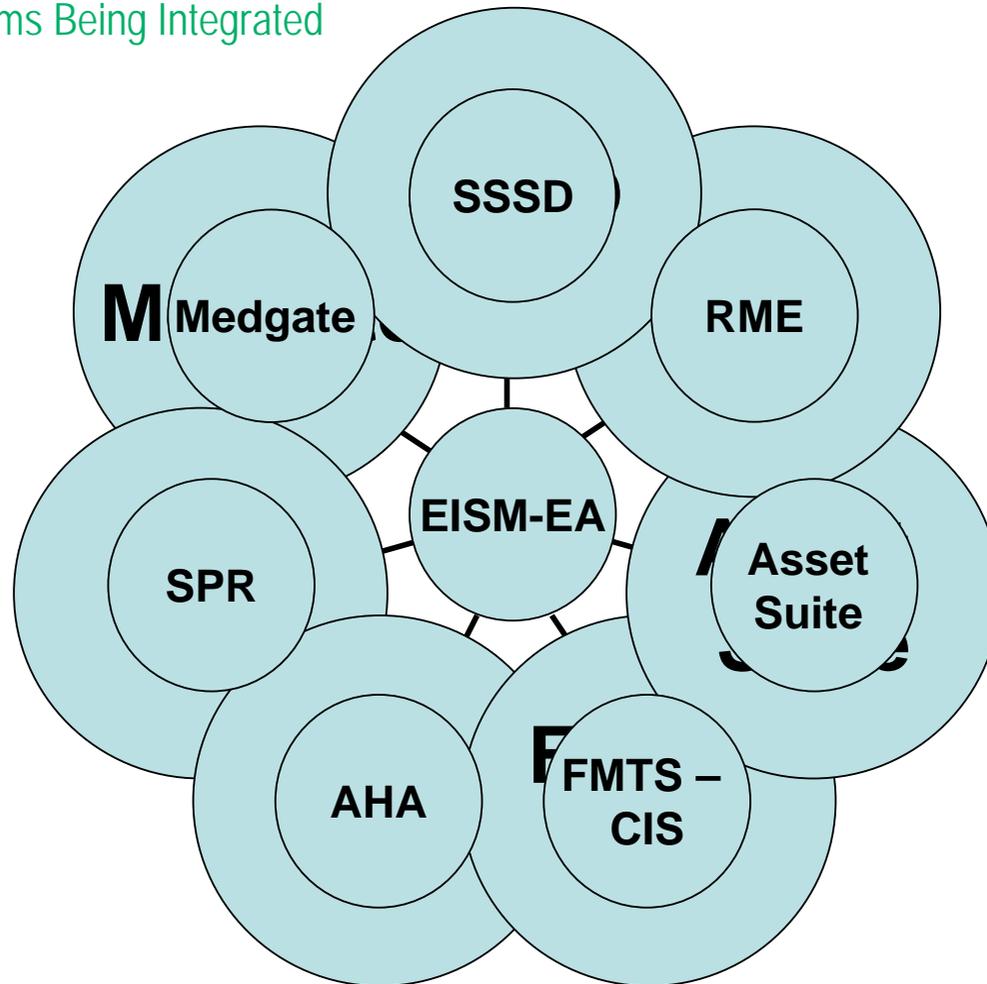
- Enhance the effectiveness of exposure hazard evaluation and management
 - Have the ability to better connect a person, process, hazard (chemical, physical, biological) and place in an exposure record (e.g., the process being performed by the person at a specific place defines the exposure risk).

Exposure Assessment – EISM-EA Process



Exposure Assessment – EISM-EA Process

Database Systems Being Integrated



EISM – EA Implementation & Goals

- Phased implementation approach – one facility/project at a time, currently being implemented in the first project
- Increase in efficiency and productivity for IH staff
- Able schedule and track work activities better and generate data requests for customers (employees, DOE, etc.)
- Centralize storage and retrieval of data
- Integrate with other systems on site to help increase their efficiency
- Potential to correlate data across multiple DOE sites

EISM - EA Level 1 Schedule

Health Safety Baseline		EISM-EA PROJECT LVL-1 LAYOUT		PAGE 1 of 1	
Activity ID	Activity Name	Start	Finish		
Stephen Darnell		10-Aug-09 A	26-Oct-12		
J1300 - H&S Programs: EISM-EA/ Northrop Grumman Program (DOEHR)		10-Aug-09 A	26-Oct-12		
EISM - EA Project Summary		12-Oct-09 A	26-Oct-12		
EISM - EA Project Summary - Project Management Tasks		31-Aug-09 A	16-Aug-10 A		
EISM - EA Project Summary - Project Criticalities (RISKS)		13-Nov-09 A	17-Sep-10		
EISM - EA Project Summary - Task-1: Process / Policy Analysis		31-Aug-09 A	15-Jan-10 A		
EISM - EA Project Summary - Task-2: Application Installation		02-Nov-09 A	24-Jun-10 A		
EISM - EA Project Summary - Task-3: Data Stewart & Integration		12-Oct-09 A	03-Feb-10 A		
EISM - EA Project Summary - Task-4: System Integration Plan		15-Oct-09 A	04-Nov-10		
EISM - EA Project Summary - Task-5: Metric Planning Support		04-Jan-10 A	05-Oct-10		
EISM - EA Project Summary - Task-6: Metric Assessment Support		27-Sep-10	23-Nov-10		
EISM - EA Project Summary - Task-7: Initial Assessment Data Load		04-Mar-10 A	24-Jun-10 A		
EISM - EA Project Summary - Task-8: Training & System Support		04-Feb-10 A	25-Feb-11		
EISM - EA Project Summary - Task-9: System Implementation		28-May-10 A	29-Oct-10		
EISM - EA Project Summary - Task-10: System Sustainment Plans		26-Apr-10 A	19-Nov-10		
EISM - EA Project Summary - SRS Implementation (Pilot)		07-Jun-10 A	05-Nov-10		
EISM - EA Project Summary - Baseline Development		10-Aug-09 A	26-Oct-12		
EISM - EA Project Summary - Facilities		19-Jul-10 A	26-Oct-12		

<ul style="list-style-type: none"> No Status Remaining Work % Complete Primary Baseline Critical 	<ul style="list-style-type: none"> Milestone MS Actual Baseline Milest... 	<p align="center">SRNS Health & Safety:</p> <p align="center">EXPOSURE ASSESSMENT PROGRAM</p> <p align="center"><i>EISM-EA LVL-1 PROJECT PLAN</i></p>	<p>DATA DATE: 07-Sep-10 / RUN DATE: 07-Sep-10</p> <p>Scheduler: Dameian J. Hasty 2-8715</p> <p>Owners: Patricia Padezanin 2-8390 / Tim Bolen 2-8853 / Stephen Darnell 2-8653</p>
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